

SEQUENCE LISTING

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<120> METHODS FOR DIAGNOSING AND EVALUATING CANCER

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<141> 1999-01-20

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Motif in Extracellular domains of Classical
Cadherins

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Asp Xaa Asn Asp Asn
1 5

<210> 2
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Motif in Extracellular domains of Classical
Cadherins

<400> 2
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Synthesis based on Human OB-Cadherin

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Ile Phe Val Ile Asp Asp Lys Ser Gly
1 5

<210> 4
<211> 106
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<213> Homo sapiens

<400> 4

Gly	Trp	Val	Trp	Asn	Gln	Phe	Phe	Val	Ile	Glu	Glu	Tyr	Thr	Gly	Pro	1		5		10				15
Asp	Pro	Val	Leu	Val	Gly	Arg	Leu	His	Ser	Asp	Ile	Asp	Ser	Gly	Asp		20		25				30	
Gly	Asn	Ile	Lys	Tyr	Ile	Leu	Ser	Gly	Glu	Gly	Ala	Gly	Thr	Ile	Phe		35		40				45	
Val	Ile	Asp	Asp	Lys	Ser	Gly	Asn	Ile	His	Ala	Thr	Lys	Thr	Leu	Asp		50		55			60		
Arg	Glu	Glu	Arg	Ala	Gln	Tyr	Thr	Leu	Met	Ala	Gln	Ala	Val	Asp	Arg	65		70		75			80	
Asp	Thr	Asn	Arg	Pro	Leu	Glu	Pro	Pro	Ser	Glu	Phe	Ile	Val	Lys	Val		85		90				95	
Gln	Asp	Ile	Asn	Asp	Asn	Pro	Pro	Glu	Phe								100		105					

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<212> PRT

<213> Mus musculus

<400> 5

Gly	Trp	Val	Trp	Asn	Gln	Phe	Phe	Val	Ile	Glu	Glu	Tyr	Thr	Gly	Pro	1		5		10			15
Asp	Pro	Val	Leu	Val	Gly	Arg	Leu	His	Ser	Asp	Ile	Asp	Ser	Gly	Asp		20		25				30
Gly	Asn	Ile	Lys	Tyr	Ile	Leu	Ser	Gly	Glu	Gly	Ala	Gly	Thr	Ile	Phe		35		40				45
Val	Ile	Asp	Asp	Lys	Ser	Gly	Asn	Ile	His	Ala	Thr	Lys	Thr	Leu	Asp		50		55			60	
Arg	Glu	Glu	Arg	Ala	Gln	Tyr	Thr	Leu	Met	Ala	Gln	Ala	Val	Asp	Arg	65		70		75			80
Asp	Thr	Asn	Arg	Pro	Leu	Glu	Pro	Pro	Ser	Glu	Phe	Ile	Val	Lys	Val		85		90				95
Gln	Asp	Ile	Asn	Asp	Asn	Pro	Pro	Glu	Phe								100		105				

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<211> 108

<212> PRT

<213> Homo sapiens

<400> 6

Asp	Trp	Val	Ile	Pro	Pro	Ile	Asn	Leu	Pro	Glu	Asn	Ser	Arg	Gly	Pro	1		5		10			15
Phe	Pro	Gln	Glu	Leu	Val	Arg	Ile	Arg	Ser	Asp	Arg	Asp	Lys	Asn	Leu		20		25				30

Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
 35 40 45

Gly Ile Phe Ile Leu Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
 50 55 60

Pro Leu Asp Arg Glu Gln Ile Ala Arg Phe His Leu Arg Ala His Ala
 65 70 75 80

Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
 85 90 95

Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
 100 105

<210> 7

<211> 108

<212> PRT

<213> Mus musculus

<400> 7

Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
 1 5 10 15

Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
 20 25 30

Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
 35 40 45

Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
 50 55 60

Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
 65 70 75 80

Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
 85 90 95

Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
 100 105

<210> 8

<211> 108

<212> PRT

<213> Bos taurus

<400> 8

Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
 1 5 10 15

Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
 20 25 30

Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr

35 40 45
 Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
 50 55 60
 Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
 65 70 75 80
 Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
 85 90 95
 Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
 100 105

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 Synthesis based on Human OB-Cadherin

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 Ile Phe Val Ile Asp Asp Lys Ser Gly
 1 5

<210> 10
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 <213> Unknown

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 Adhesion Recognition Sequence in an OB-Cadherin

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 <223> Where Xaa is either Valine of Serine

<220>

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<223> Where Xaa is either Isoleucine or Valine

<220>

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<223> Where Xaa is either Aspartate or Glutamate

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<221> MOD_RES

<222> (7)

<223> Where Xaa is an independently selected amino acid

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<221> MOD_RES

<222> (8)

<223> Where Xaa is either Serine or Threonine

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Ile Asp Asp Lys

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<210> 12

<211> 4

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Synthesis based on Human OB-Cadherin

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Asp Asp Lys Ser

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<210> 13

<211> 5

<212> PRT

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Synthesis based on Human OB-Cadherin

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Val Ile Asp Asp Lys
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<210> 14

<211> 5

<212> PRT

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Synthesis based on Human OB-Cadherin

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Ile Asp Asp Lys Ser
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<210> 15

<211> 6

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Synthesis based on Human OB-Cadherin

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Asp Asp Lys Ser Gly
1 5

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<211> 6

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Synthesis based on Human OB-Cadherin

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Synthesis based on Human OB-Cadherin

<400> 18

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 Val Ile Glu Glu Tyr
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Ile Glu Glu Tyr Thr
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Synthesis based on Human OB-Cadherin

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Val Ile Glu Glu Tyr Thr
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Glu Glu Tyr Thr Gly
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Ile Glu Glu Tyr Thr Gly
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Synthesis based on Human OB-Cadherin

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Val Glu Ala Gln
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Ser Val Glu Ala Gln
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 Glu Ala Gln Thr Gly
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 Val Glu Ala Gln Thr Gly
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<210> 46
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Synthesis and Cyclization based on Human
OB-Cadherin

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Cys Asp Asp Lys Cys

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OB-Cadherin

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<210> 57

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OB-Cadherin

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Cys Asp Asp Lys Ser Cys
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Synthesis and Cyclization based on Human
OB-Cadherin

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Synthesis and Cyclization based on Human
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OB-Cadherin

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OB-Cadherin

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 OB-Cadherin

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 Cys Phe Val Ile Asp Asp Lys Ser Gly Cys
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<400> 67
 Cys Ile Phe Val Ile Asp Asp Lys Cys
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 OB-Cadherin

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 Synthesis and Cyclization based on Human
 OB-Cadherin

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 OB-Cadherin

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 Synthesis and Cyclization based on Human
 OB-Cadherin

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 Asp Ile Asp Asp Lys Lys
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 Synthesis and Cyclization based on Human
 OB-Cadherin

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<400> 72
 Asp Val Ile Asp Asp Lys Lys
 1 5

<210> 73
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 Synthesis and Cyclization based on Human
 OB-Cadherin

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 Asp Phe Val Ile Asp Asp Lys Lys
 1 5

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 Synthesis and Cyclization based on Human
 OB-Cadherin

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 1 5

<210> 75
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Synthesis and Cyclization based on Human
OB-Cadherin

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<210> 76
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Synthesis and Cyclization based on Human
OB-Cadherin

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<400> 76
Glu Ile Asp Asp Lys Lys
1 5

<210> 77
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Synthesis and Cyclization based on Human
OB-Cadherin

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Glu Val Ile Asp Asp Lys Lys
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Synthesis and Cyclization based on Human
OB-Cadherin

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1 5

<210> 79
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N-Cadherin

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